



Attorney Docket No. 1800.06

PATENT

#141B
B0
1-8-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KAREN HEICHMAN)
ET AL.)

Examiner: DAVE NGUYEN

Serial No.: 09/556,941)

Art Unit: 1632

Filed: April 21, 2000)

For: PROTEIN-PROTEIN)
INTERACTIONS)

RECEIVED
JAN 07 2003
TECH CENTER 1600/2900

December 30, 2002

AMENDMENT AND RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated August 28, 2002, please amend and reconsider the above-captioned application in view of the following amendments and remarks.

AMENDMENT

In the Claims:

Please cancel claims 4, 44 and 45 without prejudice, and amend claims 1 and 3 as follows:

B1
1. (Amended) An isolated protein complex comprising two proteins, wherein one of said proteins is Insulin-Regulated Membrane-Spanning Aminopeptidase (IRAP) and the second protein is Protein Tyrosine Phosphatase Zeta (PTPZ).

B2
3. (Amended) The protein complex of claim 1, wherein said protein complex comprises a first protein which is a complete IRAP protein or a fragment of IRAP protein containing at least a region within the amino acid sequence encoded by the nucleotide sequence 62-880 of said IRAP protein; and a second protein which is a complete PTPZ protein or a